INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/15745

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H01G4/12				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum d Int.	ocumentation searched (classification system followed C1 H01G4/12	by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004				
Electronic d	lata base consulted during the international search (nan	ne of data base and, where practicable, sea	rch terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.	
Y	JP 10-172346 A (Matsushita F Co., Ltd.), 26 June, 1998 (26.06.98), Claims; Par. No. [0011]; Fig. (Family: none)	Slectric Industrial	1-6	
Y	JP 2002-246258 A (Daiken Chemical Co., Ltd.), 30 August, 2002 (30.08.02), Claims; Par. Nos. [0025] to [0043] (Family: none)		1-6	
Y	JP 10-321460 A (Matsushita Electric Industrial Co., Ltd.), 04 December, 1998 (04.12.98), Claims (Family: none)		1-6	
× Furthe	er documents are listed in the continuation of Box C.	See patent family annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report 16 March, 2004 (16.03.04)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
Facsimite No.		Telephone No.		

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International application No. PCT/JP03/15745

		70103/13/43
C (Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-054358 A (Kyocera Corp.), 26 February, 1999 (26.02.99), Claims (Family: none)	1-6
A	JP 07-282622 A (Rohm Co., Ltd.), 27 October, 1995 (27.10.95), Claims (Family: none)	1-6
A	JP 56-101739 A (Matsushita Electric Industrial Co., Ltd.), 14 August, 1981 (14.08.81), Claims (Family: none)	1-6
	JP 10-154633 A (Matsushita Electric Industrial Co., Ltd.), 09 June, 1998 (09.06.98), Claims & EP 777242 A	1-6